Terms used
template and **select** and **comparis** and **select** and **creat** and **indication** and **weight** and **insert** and **report** and **f**

Results 1 - 3 of 3

1 Curriculum 68: Recommendations for academic programs in computer science: a report of th curriculum committee on computer science
William F. Atchison, Samuel D. Conte, John W. Hamblen, Thomas E. Hull, Thomas A. Keenan, William McCluskey, Silvio O. Navarro, Werner C. Rheinboldt, Earl J. Schweppe, William Viavant, David M. Youı
March 1968 **Communications of the ACM**, Volume 11 Issue 3

Full text available: pdf(6.63 MB) Additional Information: full citation, references, citings

Keywords: computer science academic programs, computer science bibliographies, computer scie computer science curriculum, computer science education, computer science graduate programs, c undergraduate programs

2 Dialogue management in vector-based call routing
Jennifer Chu-Carroll, Bob Carpenter

Full text available: pdf(722.79 KB) Publisher Site Additional Information: full citation, abstract, references

This paper describes a domain independent, automatically trained call router which directs custom their response to an open-ended "*How may I direct your call?*" query. Routing behavior is trained f transcribed and hand-routed calls and then carried out using vector-based information retrieval tec the statistical discriminating power of the *n*-gram terms extracted from the caller's request, the ca the appropriate des ...

3 HAL: a multi-paradigm approach to automatic data path synthesis
P. G. Paulin, J. P. Knight, E. F. Girczyc
July 1986 **Proceedings of the 23rd ACM/IEEE conference on Design automation**

Full text available: pdf(807.14 KB) Additional Information: full citation, abstract, references, citings, index te

A novel approach to automatic data path synthesis is presented. This approach features innovation process as well as in the system implementation. The synthesis process exhibits three new feature to a subtask that performs an expert analysis of the input data flow graph and attempts to evenly operations requiring similar resources. This is done using a novel "load balancing" technique. The s global pr ...

Results 1 - 3 of 3

Terms used
template and **text** and **select** and **compare** and **score** and **differential** and **creat** and **function** and **call** and **inse**

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1 The Hearsay-II Speech-Understanding System: Integrating Knowledge to Resolve Uncertair
Lee D. Erman, Frederick Hayes-Roth, Victor R. Lesser, D. Raj Reddy
June 1980 **ACM Computing Surveys (CSUR)**, Volume 12 Issue 2
Full text available: pdf(3.83 MB) Additional Information: full citation, references, citings, index terms

2 Metaheuristics in combinatorial optimization: Overview and conceptual comparison
Christian Blum, Andrea Roli
September 2003 **ACM Computing Surveys (CSUR)**, Volume 35 Issue 3
Full text available: pdf(431.84 KB) Additional Information: full citation, abstract, references, index terms

The field of metaheuristics for the application to combinatorial optimization problems is a rapidly g research. This is due to the importance of combinatorial optimization problems for the scientific a: industrial world. We give a survey of the nowadays most important metaheuristics from a concep We outline the different components and concepts that are used in the different metaheuristics in their similarities and differences. Two v ...

Keywords: Metaheuristics, combinatorial optimization, diversification., intensification

3 Survey of expert critiquing systems: practical and theoretical frontiers
Barry G. Silverman
April 1992 **Communications of the ACM**, Volume 35 Issue 4
Full text available: pdf(2.84 MB) Additional Information: full citation, references, citings, index terms

Keywords: critics, expert critiquing systems

4 Performance issues and error analysis in an open-domain question answering system
Dan Moldovan, Marius Paşca, Sanda Harabagiu, Mihai Surdeanu
April 2003 **ACM Transactions on Information Systems (TOIS)**, Volume 21 Issue 2
Full text available: pdf(270.12 KB) Additional Information: full citation, abstract, references, index terms

This paper presents an in-depth analysis of a state-of-the-art Question Answering system. Severa

examined: (1) the performance of each module in a serial baseline system, (2) the impact of feec insertion of a logic prover, and (3) the impact of various retrieval strategies and lexical resources conclusion is that the overall performance depends on the depth of natural language processing r tools used for answer finding.

Keywords: Question answering, natural language applications, performance analysis, text retriev

5 Unsupervised learning of the morphology of a natural language
John Goldsmith
June 2001 **Computational Linguistics**, Volume 27 Issue 2

Full text available: pdf(3.19 MB) Publisher Site Additional Information: full citation, abstract, references

This study reports the results of using minimum description length (MDL) analysis to model unsup the morphological segmentation of European languages, using corpora ranging in size from 5,000 words. We develop a set of heuristics that rapidly develop a probabilistic morphological grammar, our primary tool to determine whether the modifications proposed by the heuristics will be adopte resulting grammar matches well the analysis that ...

6 APL design of graphic displays for motivation in distance education
Alvin J. Surkan
July 1998 **ACM SIGAPL APL Quote Quad , Proceedings of the APL98 conference on Array l language**, Volume 29 Issue 3

Full text available: pdf(609.27 KB) Additional Information: full citation, abstract, references, index terms

APL is used in the experimental design of graphic displays to be applied in real-time, on-line educ graphic displays are to be integrated in instructional dialogs. Our aim is to discover displays that v students while they take computer mediated and distance learning courses. During the learning p especially important for a student to receive feedback about his/her progress, continually and witl seconds of the most recent interaction. This fee ...

Keywords: display, distance education, feedback, graphic, histogram, motivation, online learning

7 Teamwork: MONAD: a flexible architecture for multi-agent control
Thuc Vu, Jared Go, Gal Kaminka, Manuela Veloso, Brett Browning
July 2003 **Proceedings of the second international joint conference on Autonomous agen systems**

Full text available: pdf(583.19 KB) Additional Information: full citation, abstract, references, index terms

Research in multi-agent systems has led to the development of many multi-agent control architec believe that there is currently no known optimal structure for multi-agent control since the effecti particular architecture varies depending on the domain of the problem. Therefore, deployment of would be significantly sped up by a development and deployment environment which would allow modify the architecture. In this paper, we pr ...

Keywords: arbitration, behavior-based control, collaboration, robot teams, team-oriented progra

8 Similarity queries I: Robust and efficient fuzzy match for online data cleaning
Surajit Chaudhuri, Kris Ganjam, Venkatesh Ganti, Rajeev Motwani
June 2003 **Proceedings of the 2003 ACM SIGMOD international conference on on Manage**

Full text available: pdf(271.47 KB) Additional Information: full citation, abstract, references, index terms

To ensure high data quality, data warehouses must validate and cleanse incoming data tuples fro

In many situations, clean tuples must match acceptable tuples in *reference tables*. For example, p description fields in a sales record from a distributor must match the pre-recorded name and desc product reference relation.A significant challenge in such a scenario is to implement an efficient a match operation that can effec ...

9 Spatial querying for image retrieval: a user-oriented evaluation
Joemon M. Jose, Jonathan Furner, David J. Harper
August 1998 **Proceedings of the 21st annual international ACM SIGIR conference on Resear development in information retrieval**
Full text available: pdf(1.68 MB) Additional Information: full citation, references, citings, index terms

10 Is Ada too big? A designer answers the critics
Brian A. Wichmann
February 1984 **Communications of the ACM**, Volume 27 Issue 2
Full text available: pdf(606.02 KB) Additional Information: full citation, abstract, references, citings, index t

Many have criticized the Department of Defense's new computer language, Ada, saying it is too la complicated, or too difficult to use. Are they right? And are there some simplifications that could b without destroying its usefulness?

11 A user interface using fingerprint recognition: holding commands and data objects on fingers
Atsushi Sugiura, Yoshiyuki Koseki
November 1998 **Proceedings of the 11th annual ACM symposium on User interface software a**
Full text available: pdf(226.02 KB) Additional Information: full citation, references, index terms

Keywords: fingerprint recognition, input devices, mulimodal user interfaces, multi-computer use

12 Mutation analysis using mutant schemata
Roland H. Untch, A. Jefferson Offutt, Mary Jean Harrold
July 1993 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 1993 internatic on Software testing and analysis**, Volume 18 Issue 3
Full text available: pdf(872.48 KB) Additional Information: full citation, abstract, references, citings, index t

Mutation analysis is a powerful technique for assessing and improving the quality of test data use software. Unfortunately, current automated mutation analysis systems suffer from severe perforn This paper presents a new method for performing mutation analysis that uses program schemata mutants for a program into one metaprogram, which is subsequently compiled and run at speeds higher than achieved by ...

Keywords: fault-based testing, mutation analysis, program schemata, software testing

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